

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 72-55

WASTE DISCHARGE REQUIREMENTS
FOR
BOLINAS COMMUNITY PUBLIC UTILITY DISTRICT
MARIN COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

- A. The Bolinas Community Public Utility District, called the discharger below, submitted a report of waste discharge dated July 26, 1972, and other reports on the project.
- B. Those reports describe the discharger's proposal for handling the present waste flow estimated at 0.04 million gallons per day (mgd) of sewage, only, from 400 people. Facilities with a design capacity of 0.065 mgd to serve 500 people will utilize 52 acres of land for treatment and disposal of the waste through a spray area located south of Mesa Road and east of Overlook Road. There will be no direct discharge of effluent to surface waters.
- C. The Board adopted an Interim Water Quality Control Plan for the San Francisco Bay Basin on June 14, 1971, and amended its Bolinas-Stinson Beach Conceptual Sewage Plan on April 25, 1972.
- D. The beneficial uses of unnamed streams adjacent to disposal area, Bolinas Lagoon, Bolinas Bay and contiguous waters are:
 - Swimming, surfing, skin-diving, wading, pleasure boating and marinas
 - Fishing and shellfishing
 - Fish, shellfish, and wildlife propagation and sustenance, waterfowl and migratory birds habitat and resting
 - Aesthetic enjoyment
 - Recharge of the recreational lagoon in Seadrift Subdivision
- E. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the proposed discharge.
- F. The Board, in a public meeting on August 22, 1972, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, the discharger shall comply with the following:

A. Discharge Specifications

1. The treatment or disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The discharge shall not cause:
 - a. Floating, suspended or deposited macroscopic particulate matter or foam in waters of the State at any place;
 - b. Bottom deposits or aquatic growths at any place outside the spray disposal area;
 - c. Alteration of temperature, turbidity, or apparent color beyond present natural background levels in waters of the State at any place;
 - d. Visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place;
 - e. Seepage to be present any place outside the treatment facilities and/or spray disposal area.
 - f. Surface waters of the State to exceed the following limits of quality at any place:

Dissolved Oxygen	90% saturation Minimum When natural factors cause lesser concentrations, then this discharge shall not cause further reduction in the concentration of dissolved oxygen.
Dissolved Sulfide	0.1 mg/l maximum
Other Substances	Any one or more substances in concentrations that impair any of the protected beneficial water uses or make aquatic life or wildlife unfit or unpalatable for consumption.
pH	6.5 minimum 8.5 maximum

3. Waste at the surface of treatment ponds shall meet the following quality limits at all times:

In any grab sample:

Dissolved Sulfide	0.1 mg/l maximum
Dissolved Oxygen	2.0 mg/l minimum

4. A minimum freeboard of at least 2 feet shall be maintained in the oxidation pond.
5. Waste as discharged to the spray disposal area shall meet the following quality limits at all times:

In any grab sample:

5-day BOD	40 mg/l maximum
-----------	-----------------

6. The disposal of waste shall not cause degradation of groundwater suitable for domestic use.
7. The public shall be effectively excluded from the waste treatment and spray disposal areas.
8. Fail-safe treatment shall be provided and include duplicate facilities where needed to assure continuous compliance with requirements.
9. The mean daily discharge of waste to the treatment facilities for any seven consecutive days shall not exceed 65,000 gallons per day.

B. Discharge Prohibitions

1. Bypassing of sewage is prohibited. If bypassing should occur, the discharger shall notify the Marin County Health Department, California State Department of Public Health and this Board's Executive Officer as soon as possible of said bypass.
2. Discharge from the treatment facilities other than to the spray disposal area is prohibited.
3. Runoff across or from the waste treatment and spray areas is prohibited.

C. Provisions

1. This Order includes items numbered 1, 2, 6 and 7 of the attached "Reporting Requirements" dated August 28, 1970.

2. This Order includes items numbered 1, 2, 3, 4, 5, and 6 of the attached Notifications" dated January 6, 1970. Waters of the State do not include those in the treatment ponds where the District has maintained control.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on August 22, 1972.

Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

REVISED
SELF-MONITORING PROGRAM
FOR

Bolinas Community Public Utilities

District

NPDES NO. CA

ORDER NO. 72-55

CONSISTS OF

PART A

AND

PART B

Part A

I. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by this Regional Board.
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

II. DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSIS AND OBSERVATIONS

A. Influent:

Daily, determine flow, in MGD, representative of treatment plant influent to be reported as weekly average.

B. Ponds:

1. Weekly, determine pH and D.O. (mg/l) at one surface station in each pond.

Where D.O. is less than 1.0 mg/l determine hydrogen sulfide concentration daily.

2. Weekly, determine freeboard in each pond. If freeboard is observed less than two feet, Regional Board staff to be contacted by telephone within 48 hours.
3. Weekly, observe perimeter of pond system for odor. Report presence or absence, characterization, source and distance of travel.

C. Effluent and Spray Disposal Field:

1. When spraying commences, notify Regional Board by letter.
2. Daily, determine flow sprayed on disposal field and BOD concentration (grab sample).
3. Daily, observe perimeter of spray area for runoff.

D. Groundwater:

Bimonthly, sample and determine fecal coliform count and nitrate nitrogen concentration at two representative groundwater stations (e.g. G1 and G2).

- E. All areas where seepage is observed regularly (e.g. SP#1 and SP#2), sample: Monthly, determine BOD fecal coliform count, and nitrate nitrogen concentration. When spray field is in use, sample BOD weekly,

III. Reports to be Filed with the Regional Board

1. Violations of Requirements

In the event of discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

- (a) maintenance work, power failures, or breakdown of waste treatment equipment, or
- (b) accidents caused by human error or negligence, or
- (c) other causes such as acts of nature,

the discharger shall notify the Regional Board Office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to prevent the problem from recurring.

In addition, if the non-compliance caused by items (a), (b), or (c) above is with respect to any of the effluent limits, the waste discharger shall promptly accelerate his monitoring program to analyze the discharge at least once every day or those constituents which have been violated. Such daily analyses shall continue until such time as the effluent limits have been attained, or until such time as the Executive Officer determines to be appropriate. The results of such monitoring shall be included in the regular Self-Monitoring Reports.

2. Bypass Reports

Bypass reporting shall be an integral part of regular monitoring program reporting and a report on bypassing of untreated waste or bypassing of any treatment unit(s) shall be made which will include cause, time and date, duration and estimated volume of waste bypassed, method used in estimating volume, and persons notified, for planned and/or unplanned bypasses.

The discharger shall file a written technical report at least 15 days prior to advertising for bid on any construction project which would cause or aggravate the discharge of waste in violation or requirements; said report shall describe the nature, costs, and scheduling of all action necessary to preclude such discharge. In no case should any discharge of sewage-bearing wastes be permitted without at least primary treatment and chlorination.

3. Self-Monitoring Reports

Written reports shall be filed quarterly and submitted by the fifteenth day of the following month. The reports shall be comprised of the following:

a. Letter of Transmittal:

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the past months and actions taken or planned for correcting violations, such as plant operation modifications and/or plant facilities expansion. If the discharger has previously submitted a detailed time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory. Monitoring reports and the letter transmitting reports shall be signed either by a principal executive officer, ranking elected official, or other duly authorized employee. The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

b. Map or Aerial Photograph

A map or aerial photograph shall accompany the report showing sampling and observation station locations.

c. List of Approved Analyses

1. Listing of analyses for which the discharger is approved by State Department of Health.
2. List of analyses performed for the discharger by another approved laboratory (and copies of reports signed by the laboratory director of that laboratory shall also be submitted as part of the report).

d. Flow Data - Plant Capacity

1. Listing of the dates and the magnitudes of the influent flows which exceed 75% of the design capacity of the treatment and/or disposal facilities.

"I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 72-55.

2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger, and revisions will be ordered by the Executive Officer.

FRED H. DIERKER
Executive Officer

Effective Date 2/24/81 "